

<b>Client:</b> <i>Tradebe Fawley</i>	<b>Industry:</b> <i>Petrochemical</i>
<b>Scope:</b> <i>Chemical Storage Tank Relining</i>	<b>Date:</b> <i>September 2014</i>
<b>Location:</b> <i>UK</i>	<b>Product:</b> <i>Epo-chem™ RS 500P &amp; RA 500M</i>

## Overview

A chemical storage tank at a waste handling facility was showing serious corrosion damage and was in urgent need of relining. The coating system required had to be able to handle various chemicals with a pH range from 4 - 10.

## Challenge

Finding a coating system capable of handling multiple chemicals at varying pHs. Grit blasting was not permissible.

## Solution

The corroded areas were UHP blasted, thoroughly cleaned and decontaminated. The sound surfaces were high pressure washed. Upon completion of the surface preparation, one primer coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** was applied. This was followed by one topcoat of **solvent-free, wet tolerant, glassflake epoxy Epo-chem™ RA 500M**.

## Outcome

The work was completed to the complete satisfaction of all concerned. The **Chemco** system has excellent adhesion to UHP blasted surfaces and will provide the chemical storage tank with long term corrosion protection

## Benefits

- Solvent-free
- No grit blasting
- Reduced H&S and Fire Precaution
- Reduced cost of plant and equipment
- No humidity or dew point restrictions

Continued overleaf

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### Photographs

- Nos. 1 and 2 Stripe coating

\*Project details and photographs courtesy of Chemco's approved contractor, Tryton Designs (UK)

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Photographs

- Nos. 3 - 6 Completed application

Solvent-free • Water-based • Wet-tolerant  
 • Rust-tolerant • Zero VOC

- Tank & Pipe Linings • Under-water & Marine • Glassflake
- Rust Converters & Primers • Ceramic & Metal Repair • Anti-static, Conductive & Anti-slip Flooring
- Approved for Contact with Food, Drinking Water & Beverages • Damp or Green Concrete Primers
- Concrete Repair Systems • Elastomeric System
- High Temperature Systems • Fire Retardant • Insulation Systems

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